

## Crysler, Ruby

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**Subject:** FW: McConnell AFB PBR: 9 May 2018 Regulator Meeting Minutes  
**Attachments:** 09MAY18\_Regulator Project Status Meeting Mins.pdf  
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**Subject:** [Non-DoD Source] McConnell AFB PBR: 9 May 2018 Regulator Meeting Minutes

Cole,

The 9 May 2018 EPA/KDHE meeting minutes are attached for your distribution. Please forward to the folks listed below.

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Thanks

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# McConnell AFB PBR

## Project Status Meeting Minutes

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**Meeting Date:** 9 May 2018

**Meeting Time:** 1030 to 1230 hrs.

**Participants:**

Ruby Crysler, EPA  
Jesse Saegert, KDHE  
Gary Richards, KDHE  
Randy Carlson, KDHE  
Cole Knight, McConnell AFB  
Mark Wichman, USACE  
Brian Wight, URS Group, Inc.

Mike Krause, URS Group, Inc.  
Ryan Mowan, URS Group, Inc. (phone)  
Dustin Gangelhoff, URS Group, Inc. (phone)  
Bethany Gatz, URS Group, Inc. (phone)  
Stephen Heinicke, URS Group, Inc. (phone)

These minutes document the discussions during the McConnell Air Force Base (AFB) Performance Based Remediation project status meeting held from approximately 1030 hours to 1230 hours on 9 May 2018 at Environmental Protection Agency (EPA) – Region 7.

**TU046 Monitoring Well Location and Sampling Plan**

- The monitoring well at TU046 will be installed next to the location of direct push boring TU46-DP01 and will be screened from 18 to 28 feet below ground surface (bgs). A work plan email was transmitted to the EPA and Kansas Department of Health and Environmental (KDHE) from McConnell AFB on 1 May 2018.

**Remedy Summary Tracking Review**

- The EPA has not yet reviewed the OT614 Determination of No Further Action Technical Memorandum.
- The EPA wants to include SS035 in next batch of Statements of Basis. URS Group, Inc. (URS) indicated the final version of the Corrective Measures Completion Report will be transmitted this week.
- The EPA has transmitted comments on the OW627 Interim Measure Completion Report, and URS is in process of preparing responses to comments.
- The proposed remedy for LF033 in the table will be updated to include groundwater monitoring.
- The EPA indicated that FT006 could be added to the “In Process” table after addressing EPA’s comments on the remedy proposal technical memorandum, which will also be updated to include current data. The EPA indicated they will have someone look over geophysical survey report for SWMU 107 as well.

- The remedy proposal technical memorandum for FT007 will not be updated with current data at this time.
- For LF011, a remedy proposal technical memorandum will be prepared. Landfill cap inspection and maintenance will be added as part of the proposed remedy, which includes the injection of ZVI to create a barrier wall and to treat a groundwater hot spot. The remedy proposal technical memorandum will include provisions for completing mitigation injections for additional ZVI or for transition to treatment via biodechlorination. There are no plans for mitigation injections at this time unless significant rebound is observed in the groundwater hot spot treated area. The timeframe for achievement of MCLs will be calculated as part of the Optimized Exit Strategy Plan to be prepared for the site.

#### **SWMU 107 (FT006) Test Excavation Results**

- Metallic material was identified in each excavation test pit at Solid Waste Management Unit (SWMU) 107 in the top 6 to 12 inches of fill soil; no metallic material was found deeper. All material found fit inside a 5-gallon bucket. Material encountered was likely residual from the area being used as a stockpile storage for metal recycling based on historical photographs.
- Future land use at FT006 may include the construction of a new Veterans Affairs hospital.
- The EPA and KDHE agreed that SWMU 107 was not used as a landfill or hardfill.
- The EPA's comments on the remedy proposal technical memorandum for FT006 will be addressed, including the information regarding work completed at SWMU 107, and the document will be finalized. The objective for FT006, including the associated SWMUs, is unrestricted use/unlimited exposure.

#### **ISCR Performance Monitoring Results Review**

- At FT006, a second round of mitigation injections was recently completed in the portion of the site located off Base. Contaminants appear to be responding to the injections accordingly. Contaminants are being evaluated at monitoring well FT06-MW18RA where the toluene contaminated soil excavation occurred.
- At FT007, trichloroethene (TCE) is below its Maximum Contaminant Level (MCL) in all performance monitoring wells. Cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) concentrations are continuing to be monitored in monitoring wells FT07-MW7R, FT07-MW13R, FT07-MW14R, and FT07-MW18 following completion of the recent first round of mitigation injections.
- At ID636, TCE remains above its MCL in monitoring wells ID636-MW01 and ID636-MW05. URS is evaluating the need to complete mitigation injections in the vicinity of these monitoring wells to address the remaining residual TCE contamination.
- At SS014, TCE and cis-1,2-DCE are below MCLs in the performance monitoring wells. Concentrations of VC are being evaluated in monitoring well SS14-MW8 to determine if mitigation injections are needed.



- At SS001, TCE, cis-1,2-DCE, and VC concentrations are continuing to be monitored in the source area. Concentrations are generally decreasing, but may need further treatment. Additionally, the institutional control (IC) boundary for SS001 will be updated during the finalizing of the 2017 Institutional Control Implementation Plan update to include the contamination present in monitoring wells SS01-MW19R and SS01-MW25R.
- At OT547, tetrachloroethene, TCE, cis-1,2-DCE, and VC concentrations are generally decreasing and will continue to be monitored to determine if mitigation injections are needed.
- At OW633, TCE concentrations are below its MCL in the injection area with the exception of the source area located at monitoring wells OW633-MW01 and OW633-MW02. Treatment in the vicinity of these monitoring wells is difficult to implement due to the location of these monitoring wells next to and inside of an active hangar and the access restrictions associated with the hangar. Additionally, TCE concentrations exceed its MCL in side gradient monitoring wells OW633-MW06 and OW633-MW07 located north of the injection area. Completing mitigation injections in the source area hinges on the ability to gain access to the hangar building. McConnell AFB indicated that the Kansas Air National Guard may be hesitant to allow access to the inside of the hangar due to the damage that occurred during the initial injection event.
- McConnell AFB indicated they are working with the Air Force Civil Engineer Center to determine the appropriate path forward for OW633, including if any future work at the site will continue under the current contract held by URS or potentially under a future contract, which would include completing additional injections.
- At SS003, contaminants are responding to the injections accordingly and will continue to be monitored. The EPA suggested adding monitoring well SS03-MW32, which was recently installed and currently sampled annually, to the quarterly performance monitoring program in order to establish contaminant trends at the monitoring well.

#### **SS003 Southern Plumes Monitoring Well Locations**

- Nine new monitoring wells are planned to be installed at SS003. Six monitoring wells will be installed within the southern TCE plumes, and three monitoring wells will be installed along the IC boundary for SS003. Five of the monitoring wells will be installed as replacements for existing piezometers. The monitoring wells will have 10-foot screens, and they will be screened from 12 to 22 feet bgs.
- Another contractor performing work related to per- and polyfluoroalkyl substance (PFAS) at McConnell AFB will be installing a new monitoring well in the vicinity of former direct push boring SS03-SB58 where URS intended to install a monitoring well. URS will use this new monitoring well installed by the PFAS contractor to monitor TCE concentrations bringing the total number of new monitoring wells to be sampled to ten.
- There were no objections to the planned monitoring well installation locations.
- URS will prepare a work plan email outlining planned monitoring well installation activities and initial groundwater sampling event from the monitoring wells.

- Monitoring well installation activities and sample results will be documented in the next annual report prepared for SS003 following the annual sampling event in September 2018.
- During the upcoming sampling to be performed by the PFAS contractor, they will remove sampling tubing from monitoring wells they intend to sample from, place it in a plastic bag to prevent contaminating, redevelop the well, and install the tubing back into the monitoring well after sampling.

#### **EPA Comments on Base Wide Groundwater Monitoring Plan**

- The EPA indicated that plan lacks sufficient information describing the purpose of Section 5 in regards to corrective measure sites. Additional information will be added to the plan to differentiate between a site with interim measure status and a site with corrective measure status.
- The EPA indicated that the plan needs to be updated to include other sites with groundwater monitoring (e.g., LF033).
- Section 2.5 will be updated to indicate that tables and figures in the plan will be labeled with a revision number and date.
- The EPA indicated that an annual well occlusion assessment should be included as part of the "Monitoring Well Condition Assessment" section of Section 3.

#### **Summer Meeting Schedule**

- The summer meeting schedule will be driven by the amount of work going on at McConnell AFB. Upcoming holidays will be taken into account when setting a future meeting date.

#### **Other**

- The next meeting is scheduled for 6 June 2018 at KDHE at 1030.
- URS asked KDHE if it is possible for KDHE to shift focus from on-Base sites to off-Base sites to help reduce the document load. KDHE indicated they will evaluate, but that it seems a likely possibility.
- Funding has been approved for URS to be able to address comments from Boeing on the Final SS544 RFI. To be able to finalize the SS544 RFI, the EPA and KDHE indicated responses to their comments need to be provided on the Final SS544 RFI.